

1. (CURRENTLY AMENDED) A health care provider information system comprising:

means for defining a patient population;

means for generating patient interview data including at least one or more of patient history information and patient symptom information;

means for generating patient encounter ~~information~~ data including one or more of symptom information, treatment information, prescription information and diagnosis information;

means for combining and compressing patient interview data into a health summary record comprising standardized codes indicating at least one or more of patient symptoms, patient treatments, and patient condition; and

means for generating customized medical reports from the health summary record for ~~one or more of~~ a patient, an attending physician, and an insurance provider using patient interview data and patient encounter data, each customized medical report being provided in a predetermined format for a corresponding one of the patient, the attending physician, and the insurance provider.

2. (PREVIOUSLY PRESENTED) The health care provider information system of claim 1, further comprising:

means for assigning a health risk score to each patient based upon the health summary record.

3. (PREVIOUSLY PRESENTED) The health care provider information system of claim 2, further comprising:

means for analyzing patient health summary records and assigning a patient to a disease management track, and indicating the disease management track on the customized medical report generated for an attending physician.

4. (PREVIOUSLY PRESENTED) The health care provider information system of claim 3, wherein said disease management track comprises a medication recommendation program for the attending physician and the customized medical report generated for the attending physician includes the medical recommendation program.

5. (PREVIOUSLY PRESENTED) The health care provider information system of claim 4, wherein said disease management track comprises a treatment recommendation program for an attending physician and the customized medical report generated for the attending physician includes the treatment recommendation program.

6. (PREVIOUSLY PRESENTED) The health care provider information system of claim 5, wherein said disease management track comprises an education program for a patient and the customized medical report comprises a customized medical report generated for a patient, including the education program.

7. (CANCELLED)

8. (CURRENTLY AMENDED) ~~A~~ The health care provider information system of claim 1, comprising:

means for defining a patient population;

means for generating patient interview data including at least one or more of patient history information and patient symptom information;

means for generating patient encounter information data including one or more of symptom information, treatment information, prescription information and diagnosis information;

means for combining and compressing patient interview data into a health summary record comprising standardized codes indicating at least one or more of patient symptoms, patient treatments, and patient condition; and

means for generating customized medical reports from the health summary record,

wherein said customized medical reports include ~~medication-patient~~ non-compliance reports generated from patient ~~medication~~-data and ~~prescription-insurance~~ claim data to indicate whether a patient has ~~purchased a prescribed medication~~ performed a task associated with a treatment program.

9. (PREVIOUSLY PRESENTED) The health care provider information system of claim 1, wherein said customized medical reports comprise:

patient temporary condition reports, indicating temporary medical conditions of a patient;
and

patient permanent condition reports, indicating permanent conditions of a patient.

10. (CANCELLED)

11. (PREVIOUSLY PRESENTED) The health care provider information system of claim 1, wherein said customized medical reports include doctor reports summarizing patient medical history and medical condition.

12. (PREVIOUSLY PRESENTED) The health care provider information system of claim 1, wherein said customized medical reports include medical provider reports summarizing patient medical claim history and medical claim status.

13. (PREVIOUSLY PRESENTED) The health care provider information system of claim 1, further comprising:

means for downloading customized medical reports to a personal digital assistant;

means for uploading patient data entered by a physician into a personal digital assistant from the personal digital assistant; and

means for integrating such data into health summary records.

14. (CURRENTLY AMENDED) A method of providing health care information comprising the steps of:

defining a patient population;

generating patient interview data including at least one or more of patient history information and patient symptom information from an interview with a patient;

generating patient encounter ~~information data~~ including one or more of symptom information, treatment information, prescription information and diagnosis information from an encounter with a patient;

combining and compressing patient interview data into a health summary record comprising standardized codes indicating at least one or more of patient symptoms, patient treatments, and patient condition, and

generating customized medical reports from the health summary record for ~~one or more~~ of a patient, an attending physician, and an insurance provider using patient interview data and patient encounter data, each customized medical report being provided in a predetermined format for a corresponding one of the patient, the attending physician, and the insurance provider.

15. (PREVIOUSLY PRESENTED) The method of providing health care information of claim 14, further comprising the steps of:

assigning a health risk score to each patient based upon the health summary record.

16. (PREVIOUSLY PRESENTED) The method of providing health care information of claim 15, further comprising the steps of:

analyzing patient health summary records and assigning a patient to a disease management track, and indicating the disease management track on the customized medical report generated for an attending physician.

17. (PREVIOUSLY PRESENTED) The method of providing health care information of claim 16, wherein said disease management track comprises a medication recommendation

program for the attending physician and the customized medical report generated for the attending physician includes the medical recommendation program.

18. (PREVIOUSLY PRESENTED) The method of providing health care information of claim 17, wherein said disease management track comprises a treatment recommendation program for an attending physician and the customized medical report generated for the attending physician includes the treatment recommendation program.

19. (PREVIOUSLY PRESENTED) The method of providing health care information of claim 18, wherein said disease management track comprises an education program for a patient and the customized medical report comprises a customized medical report generated for a patient, including the education program.

20. (CANCELLED)

21. (CURRENTLY AMENDED) ~~The A~~ method of providing health care information of claim 14, comprising the steps of:

defining a patient population;

generating patient interview data including at least one or more of patient history information and patient symptom information from an interview with a patient;

generating patient encounter information data including one or more of symptom information, treatment information, prescription information and diagnosis information from an encounter with a patient;

combining and compressing patient interview data into a health summary record comprising standardized codes indicating at least one or more of patient symptoms, patient treatments, and patient condition, and

generating customized medical reports from the health summary record,

wherein said customized medical reports include ~~medication-patient~~ non-compliance reports generated from patient ~~medication~~-data and ~~prescription-insurance~~ claim data to indicate whether a patient has ~~purchased a prescribed medication~~ performed a task associated with a treatment program.

22. (PREVIOUSLY PRESENTED) The method of providing health care information of claim14, wherein said customized medical reports comprise:

patient temporary condition reports, indicating temporary medical conditions of a patient;
and

patient permanent condition reports, indicating permanent conditions of a patient.

23. (CANCELLED)

24. (PREVIOUSLY PRESENTED) The method of providing health care information of claim14, wherein said customized medical reports include doctor reports summarizing patient medical history and medical condition.

25. (PREVIOUSLY PRESENTED) The method of providing health care information of claim 14, wherein said customized medical reports include medical provider reports summarizing patient medical claim history and medical claim status.

26. (PREVIOUSLY PRESENTED) The method of providing health care information of claim 14, further comprising the steps of:

- downloading customized medical reports to a personal digital assistant;
- uploading patient data entered by a physician into a personal digital assistant from the personal digital assistant, and
- integrating such data into health summary records.